

CHEM 113
GENERAL CHEMISTRY LAB

Instructor:

Conference Hours:

If you need accommodations in this class related to a disability, please make an appointment with the instructor as soon as possible.

RATIONALE:

General Chemistry 113 is a semester course and is tailored to students who have the desire to pursue careers in sciences and engineering. The prerequisite for this course is concurrent registration in CHEM 111.

COURSE OBJECTIVES:

1. To develop a better understanding of chemistry theories by performing hands-on experiments with a computer interface.
2. To be familiar with safety regulations in chemistry labs.

MATERIALS REQUIRED:

1. Chemistry 113 Lab Manual. Use the Laboratory Manual Form to pay in the cashier office at Long-Jones Hall and bring your receipt to Dr. Albuquerque's Office CH 231 or Ms. Spencer's stockroom CH 208 to collect your Lab Manual.
2. Students should wear approved safety goggles. **These glasses should not have holes around their frames** (they are sold at LATECH, True Value and GSU bookstore).

ATTENDANCE:

All students are expected to attend and complete each scheduled class throughout the semester. However, for those laboratory sessions that are missed only an approved excused absence may be accepted without penalty. Any student who misses four or more laboratory classes will be severely penalized. **Students are responsible for learning the material covered during the missed class.**

Each student must show a valid, university issued identification card during exams and quizzes. No exam will be administered to a student without an identification card.

ASSESSMENT PROCEDURES:

Students are required to read the scheduled experiment before they come to class. See tentative schedule. If the experiment has a **pre-laboratory assignment** students have to complete it before class and hand it in at the beginning of class unless otherwise indicated. Students earn up to 100 pts per completed lab. Information about earning points in this lab class follows.

Laboratory assignment:

Students have to fill out experimental data sheets in the lab manual during the assigned laboratory time. Do not scribble over errors; write a line over errors so the instructor can see what data you changed. After students finish the experimental part of the lab they will need to request that the instructor signs their data sheets. Laboratory assignments will not be graded if they are not signed. Students should turn in their lab work when due (i.e., at the beginning of the

next regularly scheduled class). **Missed lab experiments must be made-up before the end of the week that the assignment was scheduled.**

Late Penalties:

Laboratory assignments and/or exercises will receive late penalties. **Credits will be reduced by 10 points per each week after the due day.**

Safety Rules:

Students have to obey safety rules. If not, students will lose points. Students can be dismissed from the lab and/or the course if they persist in violating safety rules.

Cleanliness

Students should leave everything clean after finishing bench work. Place glassware and chemicals where they were found at the beginning of the class.

Midterm Exam:

A Midterm Exam will be held during class time and will be graded out of 100 pts.

Final Exam:

A Final Exam will be given during class time and will be graded out of 200 pts.

Evaluation of a bench laboratory class will be as follows:

Task	Points
Laboratory Assignment (if it was signed by the instructor)	60
Technical procedures: safety and Cleanliness	20
Pre-Laboratory assignments	20

No bench labs will be evaluated as follows:

Task	Points
Lab. Assignment	100 pts

Course grade:

$\frac{\text{Your points}}{\text{Total number of points}} \times 100 = \text{Percent Grade}$
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Grade assignments:

Percent Grade	→	Letter Grade
90.0 to 100.0	→	A
80.0 to 89.9	→	B
70.0 to 79.9	→	C
60.0 to 69.9	→	D
≤ 59.9	→	F

NOTE: Compliance with Americans with Disabilities Act (ADA): Grambling State University adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. Students with disabilities should register with the Student Intervention Resource Center (Special Services Facilitator) and provide timely notification to their instructor in order to arrange for appropriate accommodations.

Syllabus Revision

The instructor intends to follow the syllabus but reserves the right to modify the current syllabus during the course.